

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                   | DBs                                                     | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| S39   | 7    | S38 and (global master) near3 (reset control)                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/10 13:27 |
| L2    | 7    | L1 and ((test\$3 near5 rout\$3) same (FPGA or field\$1programmable\$1gate\$1array )) and (global master) near3 (reset control) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/10 13:27 |
| S37   | 5220 | (714/724,725,733,736 716/16 395/500.17).ccls.                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/10 13:26 |
| L1    | 5457 | (714/724,725,733,736 716/16 395/500.17).ccls.                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/10 13:26 |
| S48   | 33   | S47 and (FPGA or field\$1programmable\$1gate\$1array )                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/03 14:46 |
| S47   | 262  | ((global near3 (signal rout\$3)) with simultaneous\$2)                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/03 14:46 |
| S46   | 722  | ((global near3 (signal rout\$3)) same simultaneous\$2)                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/03 14:46 |
| S38   | 28   | S37 and ((test\$3 near5 rout\$3) same (FPGA or field\$1programmable\$1gate\$1array ))                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/03 14:46 |
| S40   | 1457 | S37 and simultaneous\$2                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/03 14:36 |

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|     |       |                                                                                                                                                                      |                                                         |    |    |                  |
|-----|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S7  | 67    | ((test\$3 near5 rout\$3) same (FPGA or field\$1programmable\$1gate\$1array ))                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 14:25 |
| S35 | 4951  | (714/724,725,733,736 716/16 395/500.17).ccls.                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 14:24 |
| S36 | 2     | S35 and (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and ((input near3 (mux mutliplexer mutliplexor)) same pad) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 15:21 |
| S32 | 66    | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and ((input near3 (mux mutliplexer mutliplexor)) same pad)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 15:21 |
| S1  | 4617  | (714/724,725,733,736 716/16 395/500.17).ccls.                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 15:20 |
| S34 | 1     | "6181162".PN.                                                                                                                                                        | USPAT;<br>USOCR                                         | OR | ON | 2005/04/05 14:35 |
| S33 | 1     | "6211697".PN.                                                                                                                                                        | USPAT;<br>USOCR                                         | OR | ON | 2005/04/05 14:35 |
| S31 | 1304  | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and (input near3 (mux mutliplexer mutliplexor))                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:10 |
| S30 | 1433  | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and (input near3 (mux\$3 mutliplex\$3))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:09 |
| S29 | 12126 | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and (input near3 (mux\$3 mutliplex\$3 select\$3))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:09 |

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|     |       |                                                                                                                                                                     |                                                         |    |    |                  |
|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S23 | 39    | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and ((interface near group) same (mux\$3 mutliplex\$3 select\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:08 |
| S28 | 7     | S27 and (mux\$3 mutliplex\$3 select\$3)                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:03 |
| S27 | 26    | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and Stroud-C\$. in.                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 16:02 |
| S26 | 1     | "5323069".PN.                                                                                                                                                       | USPAT;<br>USOCR                                         | OR | ON | 2005/02/16 15:53 |
| S25 | 1     | "6292021".PN.                                                                                                                                                       | USPAT;<br>USOCR                                         | OR | ON | 2005/02/16 15:50 |
| S24 | 1     | "6611153".PN.                                                                                                                                                       | USPAT;<br>USOCR                                         | OR | ON | 2005/02/16 15:49 |
| S22 | 11379 | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic) or (gate near3 array)) and (interface same (mux\$3 mutliplex\$3 select\$3))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 15:42 |
| S21 | 11379 | (FPGA or field\$1programmable\$1gate\$1array or (programmable near3 logic or (gate near3 array))) and (interface same (mux\$3 mutliplex\$3 select\$3))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 15:41 |
| S2  | 12    | (S1 and (((test\$3 same (rout\$3 or interconnect)) same (FPGA or field\$1programmable\$1gate\$1array )) ) and expected and compare)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/16 15:38 |
| S14 | 41    | (((test\$3 same (rout\$3 or interconnect)) same (FPGA or field\$1programmable\$1gate\$1array )) ) and expected and compare                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/23 13:05 |
| S20 | 4     | ("5991907" "6003150").pn.                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/22 15:25 |

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|     |     |                                                                                                                                                                                                                                                                     |                                                         |    |     |                  |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S19 | 2   | "09109123".\$did.                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 14:58 |
| S18 | 0   | 09109123-\$.did.                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 14:58 |
| S17 | 0   | ("5991907" "6003150").pn. and<br>US-09109123-\$.did.                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 14:58 |
| S15 | 35  | (((((test\$3 same (rout\$3 or<br>interconnect)) same (FPGA or<br>field\$1programmable\$1gate\$1array<br>)) ) and expected and compare )<br>not ((US-6725442-\$ or<br>US-6470485-\$ or US-6108806-\$ or<br>US-6668237-\$ or US-6651238-\$ or<br>US-6347387-\$).did.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 14:56 |
| S16 | 6   | "6108806".URPN.                                                                                                                                                                                                                                                     | USPAT                                                   | OR | ON  | 2004/06/22 14:52 |
| S11 | 33  | ((((test\$3 same rout\$3) same (FPGA<br>or<br>field\$1programmable\$1gate\$1array<br>)) ) and expected and compare                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 14:36 |
| S13 | 4   | ((US-6725442-\$ or US-6470485-\$<br>or US-6108806-\$ or US-6668237-\$<br>or US-6651238-\$ or US-6347387-\$).<br>did.) and "AND"                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/22 13:33 |
| S12 | 6   | (US-6725442-\$ or US-6470485-\$ or<br>US-6108806-\$ or US-6668237-\$ or<br>US-6651238-\$ or US-6347387-\$).<br>did.                                                                                                                                                 | USPAT                                                   | OR | OFF | 2004/06/22 13:32 |
| S10 | 201 | ((test\$3 same rout\$3) same (FPGA<br>or<br>field\$1programmable\$1gate\$1array<br>))                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/21 16:52 |
| S9  | 14  | ((((test\$3 near5 rout\$3) same (FPGA<br>or<br>field\$1programmable\$1gate\$1array<br>)) ) and expected and compare                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/21 16:52 |

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|    |    |                                                                                                                                                                                                                                                                                                                                                        |                                                         |    |    |                  |
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| S8 | 9  | ((test\$3 near5 rout\$3) same (FPGA or field\$1programmable\$1gate\$1array )) ) and (control near5 (signal pulse)) and expected and compare                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 16:40 |
| S6 | 2  | ((("5469003" "5483178" "5485103" "5491353" "5504439" "5521529" "5528176" "5537057" "5541530" "5570041" "5598109" "5606266" "5606267" "5614840" "5617042" "5668771" "5671432" "5682107" "5689195" "5761099" "5764583" "5828229" "5977793" "6181162" "6211697").pn. ) and ((test\$3 near5 rout\$3) same (FPGA or field\$1programmable\$1gate\$1array ))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 16:33 |
| S5 | 2  | ((("5469003" "5483178" "5485103" "5491353" "5504439" "5521529" "5528176" "5537057" "5541530" "5570041" "5598109" "5606266" "5606267" "5614840" "5617042" "5668771" "5671432" "5682107" "5689195" "5761099" "5764583" "5828229" "5977793" "6181162" "6211697").pn. ) and ((test\$3 near5 routing) same (FPGA or field\$1programmable\$1gate\$1array ))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 16:32 |
| S4 | 47 | ("5469003" "5483178" "5485103" "5491353" "5504439" "5521529" "5528176" "5537057" "5541530" "5570041" "5598109" "5606266" "5606267" "5614840" "5617042" "5668771" "5671432" "5682107" "5689195" "5761099" "5764583" "5828229" "5977793" "6181162" "6211697").pn.                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 16:28 |
| S3 | 2  | "6476636".pn.                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 16:26 |